IN THE CLAIMS

1. (Once amended) An electric oven for cooking food, the oven comprising:

a cooking enclosure including an upper surface with an opening therein; and

a power head detachably connected to the cooking enclosure and including

a heating unit extending into the cooking enclosure through said opening,

a fan chamber positioned above the cooking enclosure and the heating unit,

a fan mounted in the fan chamber to create a cooling air flow through the fan chamber,

a plurality of air inlets to the fan chamber to allow said cooling air flow into the fan chamber, and

a cooling manifold surrounding said opening and including a lower surface facing said upper surface outside of said cooking enclosure, the cooling manifold in fluid communication with the fan chamber and including a plurality of air outlets arranged in said lower surface to direct the cooling air flow from the fan chamber toward the upper surface of the cooking enclosure to cool the upper surface.

2. (Once amended) The electric oven of claim 1 wherein said heating unit includes an electric infrared heating element made of incoloy 840 coated with a coating material, the main components of the coating material being SiO_2, TiO_2, and Al_2O_3.

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3. (Once amended) [The] An electric oven [of claim 1] for cooking food, the oven comprising:

a cooking enclosure including an upper surface with an opening therein; and

a power head detachably connected to the cooking enclosure and including

a heating unit extending into the cooking enclosure through said opening,

a fan chamber positioned above the cooking enclosure and the heating unit,

a fan mounted in the fan chamber to create a cooling air flow through the fan chamber,

a plurality of air inlets to the fan chamber to allow said cooling air flow into the fan chamber, and

a cooling manifold surrounding said opening and facing said upper surface outside of said cooking enclosure, the cooling manifold in fluid communication with the fan chamber and including a plurality of air outlets arranged to direct the cooling air flow from the fan chamber toward the upper surface of the cooking enclosure to cool the upper surface.

wherein [there is] said heating unit is spaced from said opening to define a hot gas vent surrounding said heating unit and located between said heating unit and said air outlets to vent hot gas from the inside of the cooking enclosure for mixture with said cooling air flow from said air outlets.

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Claim 14, line 1, replace "12" with --13--.

Please add claim 19 as follows:

19. An electric oven for cooking food, the oven comprising:

a cooking enclosure including an upper surface with an opening therein; and

a power head detachably connected to the cooking enclosure and including a heating unit extending into the cooking enclosure through said opening,

the heating unit including an electric infrared heating element made of incoloy 840 coated with a coating material, the main components of the coating material being SiO_2, TiO_2, and Al_2O_3.

REMARKS

Claims 15-17 have been withdrawn by the Examiner as being drawn to a non-elected invention. Claims 5-11 and 18 have been allowed. Accordingly, claims 1-4 and 19 are at issue.

Claim 3 indicated to be allowable has been amended to independent form to include all of the limitations of original claim 1. Claim 4 depends from claim 3. Accordingly, claims 3 and 4 should be in condition for allowance.